



28177

Electronic Filing System (EFS) Data

Electronic Patent Application Submission

USPTO Use Only

28177
TSW/
5303

EFS ID: 24405
Application ID: 09972019
Title of Invention: Low Offset and Low Glitch Energy Charge Pump for PLL-Based Timing Recovery Systems
First Named Inventor: Myles Wakayama
Domestic/Foreign Application: Domestic Application
Filing Date: 2001-10-05
Effective Receipt Date: 2003-03-13
Submission Type: Information Disclosure Statement
Filing Type: null
Confirmation Number: 3152
Attorney Docket Number: 18752070002
Digital Certificate Holder: cn=Jason Daniel Eisenberg, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest: GWXQ6maZM62GoucPL9nW8Q==
Total Fees Authorized: \$180.0
Payment Category: CC - Credit Card
Credit Card Number: *****1001
Expiration Date: 06302004
Card Holder Name: SKGF P.L.L.C.
RAM User ID: EFSPROD
RAM Accounting Date: 2003-03-13
RAM Sequence Number: 642677
RAM Payment Status: RAM success
Postal Code: 20005

0000



TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Submission Type: Information
Disclosure Statement

Application Number: 09/972,019
Attorney Docket Number: 18752070002

Low Offset and Low Glitch Energy Charge Pump for PLL-Based Timing Recovery Systems

First Named Inventor: Myles H. Wakayama

SUBMITTED BY

Name:

Jason D. Eisenberg

Registration Number:

43,447

Electronic Signature Mark: /jde/

Date Signed: 20030312

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

fee-transmittal

IDS18752070002fee.xml

us-information-disclosure-statement

IDS18752070002ids.xml

Comments:



FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 180

BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 1001
Expiration Date: 20040630
Authorized Name: SKGF P.L.L.C.
Billing Address: 20005

ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Submission Of Information Disclosure Stmt Fee		1	1806	\$ 180	\$ 180

Subtotal For Additional Fees: \$ 180